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PATENT  
Attorney Docket No.: 018547-021210US  
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Mail Stop Issue Fee  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

On May 25, 2004

TOWNSEND and TOWNSEND and CREW LLP

By: \_\_\_\_\_

Tara N. Damhoff

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

Gentalen et al.

Application No.: 09/930,536

Filed: August 14, 2001

For: METHODS OF USING AN  
ARRAY OF POOLED PROBES IN  
GENETIC ANALYSIS

Customer No.: 20350

Confirmation No. 2431

Examiner: Siew, Jeffrey

Technology Center/Art Unit: 1637

AMENDMENT AFTER ALLOWANCE  
UNDER 37 CFR § 1.312(a)

**Mail Stop Issue Fee**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Notice of Allowance mailed February 25, 2004, please amend the above-identified application as follows:

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 4 of this paper.

**Remarks/Arguments** begin on page 7 of this paper.